



# ANLY CONTROLLER

## ACR CURRENT RELAY



### CHARACTERISTIC :

- Customized CMOS IC for low power consumption, high operation stability and extreme timing accuracy
- Wide range current range (2A ~ 7A)
- LED status indicator for easy over current monitoring
- Surface mount and flush mount possible

### SPECIFICATION :

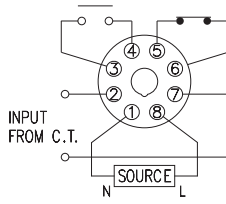
|                                   |  |
|-----------------------------------|--|
| Operating voltage                 | AC/DC(V): 100 - 240                                      |
| Allowable operating voltage range | 85~110% of rated operating voltage                       |
| Rated frequency                   | 50 / 60 Hz   |
| Detecting method                  | Detect supply current                                    |
| Setting current                   | AC 1 ~ 3.5A or AC 2 ~ 7A                                 |
| Compensating time at starting     | ACR-N: 1S, ACR-NT: 0~30S                                 |
| Reset time                        | MAX 0.05S  |
| Contact rating                    | 250VAC 5A (resistive load)                               |
| Power consumption                 | Approx. 2VA  |
| Life                              | Mechanical: 5,000,000 times<br>Electrical: 100,000 times |
| Ambient temperature               | -10 ~ +50°C (without condensation & freezing)            |
| Ambient humidity                  | MAX 85%RH (without condensation)                         |
| Altitude                          | MAX 2000m  |
| Weight                            | Approx. 106g   |

### TYPE SELECTION :

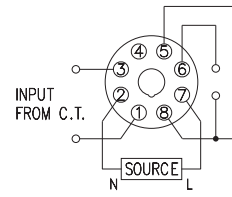
| Type           | ACR-N             | ACR-NT |
|----------------|-------------------|--------|
| Output contact | 1A,1B             | 1C     |
| Setting range  | 1 ~ 3.5A , 2 ~ 7A |        |

## CONNECTION :

ACR-N

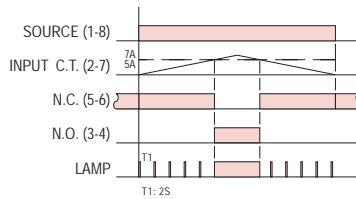


ACR-NT

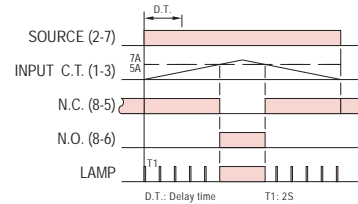


## TIMING CHART :

ACR-N

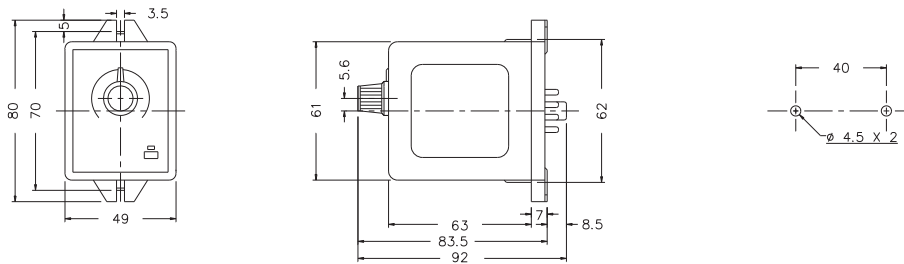


ACR-NT

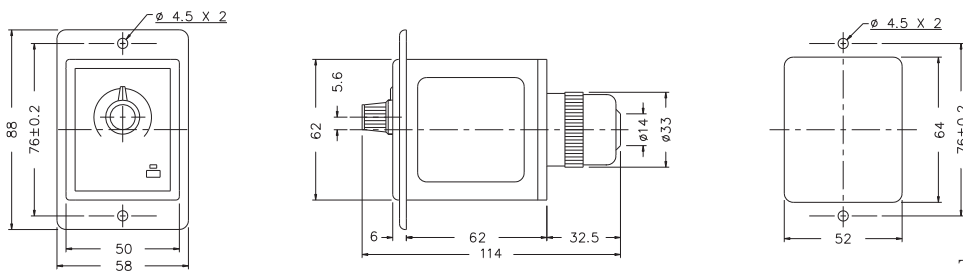


## DIMENSIONS : (mm)

N type(Surface Mounting): Using 8PFA Socket



Y type(Flush Mounting): Using US-08 Socket or P3G-08 Socket



Tolerance:±0.1

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